IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BRIAND et al.

Examiner PREC' CAPCIANTO 28 SEP 2006

Serial No.:

Unknown

Group Art Unit:

Unknown

Filed:

Herewith

Docket:

20010.0008USWO

Title:

USE OF ULVANS AS ELICITORS OF MECHANISMS FOR NITROGEN ABSORPTION AND PROTEIN SYNTHESIS

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 858800355 US

Date of Deposit: September 28, 2006

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Mer fee

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed. Please note that the references listed on the Form 1449 were cited in an International Search Report dated August 16, 2005. A copy is enclosed.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

\boxtimes	(1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
	(2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
	the requisite Statement is below, OR

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	the	requisite fee of \$	180.00 under Rule 1.17	AP5 Rec'd PCT/PTO 28 SEP	2006
(3			ate of a Final Rejection of the Issue Fee, AND	or Notice of Allowance but on or	
	the	requisite Stateme	ent is below, AND		
	the	requisite fee of \$	180.00 under Rule 1.17	p) is included herein.	
			STATEMENT		
A	s req	uired under §1.9	7(e), Applicants hereby	state either that:	
	1.	Statement was in a counterpar	first cited in a communi	he Information Disclosure cation from a foreign patent office more than three months prior to osure Statement; or	
	2.	Statement was counterpart for signing this State information counterpart in the state of the sta	cited in a communication eign application, and to tement after making reautained in the Information	e Information Disclosure in from a foreign patent office in a the knowledge of the person sonable inquiry, no item of in Disclosure Statement was §1.56(c) more than three months sclosure Statement.	
If th	is bo	x is checked, Ap	plicant provides the foll	owing:	
		<u>Certifi</u>	cation Under 37 C.F.R	. §1.704(d)	
item fore not	ign p receiv	ed on the enclose atent office in a wed by any indiv	d Form 1449 was first ci counterpart application,	rsigned hereby certifies that each ted in a communication from a and that this communication was .F.R. §1.56(c) more than thirty sclosure Statement.	
y of e	ach L			co-pending U.S. applications. A blished) or application (if not	
	Apr	olication No.	Filing Date	Group	

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

IAP5 Rec'd PCT/PTO 28 SEP 2006

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

FEE AUTHORIZATION

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
Post Office Box 2902
Minneapolis, MN 55402-0902

(612) 455-3800

Dated: September 28, 2006

Douglas P. Muelle

Reg. No. 30,300

DPM:rkw

Date: September 28, 2006

IAP5 Rec'd PCT/PTO 28 SEP 2006

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

Docket Number: 20010.0008USWO Application Jum 5:94609

IN AN APPLICATION

(Use several sheets if necessary)

Applicant: BRIAND et al.

Group Art Unit:: unknown Filing Date: herewith

	<u></u>	U.	S. PATENT DOCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		FORE	LIGN PATENT DOCUM	ENTS		<u>_</u>		
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
	EP 1 437 334	July 2004	ЕРО					
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	Internatio	nal Search Report	for International Applicat	ion No. PCT/FI	R2005/000764 date	d August 16,	2005	
	BI et al., "STUDIES OF AQUEOUS EXTRACTS OF THREE GREEN ALGAE AS AN ELICITOR OF PLANT DEFENCE MECHANISM" <i>Pak. J. Bot.</i> . Vol 13, No.1 pp.193-198 (1999)							
		RAY et al. "CELL-WALL POLYSACCHARIDES FROM THE MARINE GREEN ALGA ULVA "RIGIDA" (ULVALES, CHLOROPHYTA). EXTRACTION AND CHEMICAL COMPOSITION" Carbohydrate Research.						
	Vol. 274	Vol. 274 pp. 251-261 (1995)						
	"RIGIDA	RAY et al. "CELL-WALL POLYSACCHARIDES FROM THE MARINE GREEN ALGA <i>ULVA</i> "RIGIDA" (ULVALES, CHLOROPHYTA). CHEMICAL STRUCTURE OF ULVAN" Carbohydrate Research						
	 	Vol 274 pp.313-318 (1995)						
	LAHAYE et al. "CELL-WALL POLYSACCHARIDES FROM THE MARINE GREEN ALGA ULVA "RIGIDA" (ULVALES, CHLOROPHYTA) NMR ANALYSIS OF ULVAN OLIGOSACCHARIDES" Carbohydrate Research Vol. 283 pp 161-173							
	COUPLE	QUEMENER et al. "SUGAR DETERMINATION IN ULVANS BY A CHEMICAL-ENZYMATIC METHOD COUPLED TO HIGH PERFORMANCE ANION EXCHANGE CHROMATOGRAPHY" Journal of Applied Phycology Vol.9 pp 179-188						
	Database	LOPEZ-MOSQUERA et al. "EFFECTS OF SEAWEED ON POTATO YIELDS AND SOIL CHEMISTRY" Database accession no. PREV199799753675 and "BIOLOGICAL AGRICULTURE AND HORTICULTURE" Vol. 14 No.3 pp 199-205 (1997)						
	1 1	52835 TRADEMARK OFFICE				100		

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.